



Erratum

Erratum to: “Hawking radiation of charged particles as tunneling from Reissner–Nordström–de Sitter black holes with a global monopole” [Phys. Lett. B 635 (2006) 151]

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Some incorrect signs in Eqs. (2), (4), (9), (12) and (18) are rectified.

Eq. (2) should be

$$dt_R = dt \mp \frac{\sqrt{1-\Delta}}{\Delta} dr. \quad (2)$$

Eq. (4) should read

$$\dot{r} \equiv \frac{dr}{dt} = \pm 1 \mp \sqrt{1-\Delta}. \quad (4)$$

Eq. (9) should be replaced as

$$A_t = \pm \frac{Q}{r}. \quad (9)$$

The right-hand side of Eq. (12) should take a plus sign,

$$A_t = \frac{Q-q}{r}. \quad (12)$$

The sign of the second term in the right-hand side of Eq. (18) should be a minus one,

$$ds^2 = -\Delta'' dt^2 - 2\sqrt{1-\Delta''} dt dr + dr^2 + (1-8\pi\eta^2)r^2(d\theta^2 + \sin^2\theta d\phi^2). \quad (18)$$

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